ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INTOALS | ID NO. | DATE     |  |  |  |
|---------------------------|---------|--------|----------|--|--|--|
|                           |         |        |          |  |  |  |
| FEE DETERMINATION         |         |        |          |  |  |  |
| O.I.P.E. CLASSIFIER       |         | 21     | 12/29/00 |  |  |  |
| FORMALITY REVIEW          | 7,0     | 72864  | 1/11/01  |  |  |  |
| RESPONSE FORMALITY REVIEW |         |        |          |  |  |  |

## INDEX OF CLAIMS

| ✓ Rejected                 | N Non-elected  |
|----------------------------|----------------|
| = Allowed                  | 1 Interference |
| (Through numeral) Canceled | A Appeal       |
| ÷ Restricted               | O Objected     |

|          | ÷        |            |                                |          |          |          |          | Restricted |          |           |           |     |       |          |          |  |  |  |  |  |          |              |   |
|----------|----------|------------|--------------------------------|----------|----------|----------|----------|------------|----------|-----------|-----------|-----|-------|----------|----------|--|--|--|--|--|----------|--------------|---|
| Cla      | im       |            |                                |          |          | Dat      | Α.       |            |          |           | $\neg$    | ſ   | Cla   | im       |          |  |  |  | Date   | •  |          |              | _ |
|          | Original | 11.0       | $ egin{array}{c} \end{array} $ |          |          | Dai      |          |            |          |           |           | Γ   |       | Original |          |  |  |  |  |  |          |              |   |
| Final    | A Out    | Ŕ          |                                | _        |          |          | _        |            |          |           |           | -   | Final | ნ<br>51  | -        |  | -  | $\dashv$   | -  | _  | $\dashv$ |              |   |
|          | 2        | ¥          | $\dashv$                       |          |          | <u> </u> | H        | $\vdash$   | Н        | Н         |           | -   |       | 52       | -+       | ᆉ  | $\dashv$   | -  | $\dashv$   | -  |          | ᅥ            | ŀ |
|          | 3        | 7          | $\dashv$                       |          |          | ├        |          | ┝╌         | -        |           | $\dashv$  | H   | _     | 53       | 7        |  | d  | $\neg$   | ヿ  | _  |          | $\neg$       | r |
| _        | 4        | 1          | $\dashv$                       | -        |          | _        |          |            | -        |           | $\vdash$  | F   |       | 54       | $\dashv$ | $\dashv$   | _  | $\neg$   |  |  |          |              | r |
|          | 5        | 7          |                                |          |          |          |          | -          | H        | $\vdash$  | Н         | ŀ   | _     | 55       | 7        |  |  |  | ヿ  | _  |          |              | ľ |
|          | 6        | 7          | $\dashv$                       |          |          | H        |          | $\vdash$   |          | -         | 1         | r   |       | 56       |          |  | П  |  |  |  |          |              | Γ |
| _        | 7        |            |                                |          | _        |          | ┢        | T          |          |           | П         | ſ   |       | 57       |          |  |  |  |  |  |          |              | I |
|          | 8        | ブ          | $\neg$                         | •        | _        |          | T        |            |          |           |           | Γ   |       | 58       |          |  |  |  |  |  | L.       |              | L |
|          | 9        | 7          |                                |          | _        | Г        | 1        | Г          |          | _         |           |     |       | 59       |          |  |  |  | $\Box$   |  |          |              | L |
|          | 10       | 7          |                                |          | Г        |          | Π        |            | Г        |           |           | [   |       | 60       |          |  |  | _  |  |  |          |              | L |
|          | 11       | 7          |                                |          |          |          |          |            | Ī        |           |           | L   |       | 61       |          | _  |  | _  |  |  | L        | <u> </u>     | ļ |
|          | 12       | 1          |                                |          |          |          |          |            | L        |           |           |     |       | 62       | _        | _  |  |  | _  |  |          |              | ļ |
|          | 13       | $\sum_{i}$ |                                |          |          | L        |          | _          |          | 匚         |           | L   | _     | 63       |          | _  |  |  | _  |  |          |              | ļ |
|          | 14       | $\int$     |                                |          | L        |          | L        | L          | <u>L</u> | <u> </u>  |           | L   |       | 64       |          |  |  |  |  |  | _        |              | ļ |
|          | 15       | V          |                                |          | L        | L        | L        | _          | L        |           | L         | L   |       | 65       |          | _  |  |  | _  |  |          | <u> </u>     | ļ |
|          | 16       | 1          |                                | L        | Ĺ        | L        | _        | 1_         |          | <u> </u>  | _         |     |       | 66       |          | _  |  |  | _  | _  | <u> </u> |              | 1 |
| L        | 17       | 1          |                                | 12       | L        | <u> </u> | <u> </u> | <u> </u>   | _        | _         | Ļ.        |     |       | 67       |          | _  |  | _  | _  |  | <u> </u> | -            | + |
| L        | 18       | 1          | L                              | _        | <u> </u> | ╙        | <u> </u> | ╙          | _        | Ļ.,       | _         |     |       | 68       | $\sqcup$ |  |  |  | _  |  | ⊢        | -            | + |
|          | 19       | 1          | _                              |          | _        | L        | 丄        | L          | <u> </u> | <u> </u>  | L         |     |       | 69       | Н        |  | _  |  | -  |  | ⊢        |              | ł |
| İ        | 20       | 1          |                                |          |          |          | <u> </u> |            | L        | L         |           |     |       | 70       |          |  |  |  |  |  | ļ        | <u> </u>     | l |
|          | 21       | 1          |                                | $\Box$   |          | L        |          |            |          | <u> </u>  | L         |     |       | 71       |          |  | L_   |  |  |  | <u> </u> | _            | 4 |
|          | 22       |            |                                |          |          | L.       |          | _          | ┖        | _         | <u> </u>  | ▎▕  |       | 72       |          |  |  | L  | Ш  |  | ┡        | _            | 1 |
|          | 23       |            |                                | L        | L        | _        | ┖        | _          | ┖        | <u> </u>  | <u> </u>  |     | _     | 73       | L        |  |  |  |  |  | ┡        | <u> </u>     | 1 |
| L        | 24       |            | L                              | <u></u>  | L        | <u> </u> | L        | 1_         | <u> </u> | 1         | <u> </u>  |     |       | 74       |          |  | <u> </u>   | <u> </u>   |  |  | ـــ      | <u> </u>     | 4 |
| L        | 25       | 1          | 1_                             | _        | L        | _        | ļ        | ↓_         | 1_       | <u> </u>  | ╙         |     |       | 75       | Ш        |  |  | $\vdash$   |  |  | ļ        | $\vdash$     | + |
| <u> </u> |          |            | 匚                              | ļ        | L        | 1_       | _        | ↓_         | ļ        | ↓_        | <u> </u>  |     |       | 76       |          |  |  | <u> </u>   | -  |  | ╄-       | ₩            | 1 |
| L        | 27       | ₩.         | <u> </u>                       | L_       | L        | ┞-       | 上        | ↓_         | Ļ.       | 4_        | <u> </u>  |     |       | 77       |          |  |  | -  | <u> </u>   | <u> </u>   | ╁        | ļ-           | 4 |
| L        | 28       |            | L                              | <u> </u> | ┖        | ╁        | ↓_       | 1_         | 1        | ┺         | ļ         |     |       | 78<br>79 |          |  |  | -  | ├-   | <u> </u>   | ⊬        | ├-           | 4 |
| L        | 29       |            | <u> </u>                       | ╙        | ↓_       | 1        | ╁        | ╄-         | +        | ╄-        |           |     |       | -        | $\vdash$ |  | $\vdash$   | -  | $\vdash$   | ┝  |          | ├            | + |
|          | 30       |            | _                              | <u> </u> | ╀        | 1        | +        | ╁          | ╀        | ┼         | ⊢         | } } |       | 80       | -        |  | -  |  | -  | -  | ╁        | ├-           | 1 |
| <u>_</u> | 31       |            | _                              | ┞        | ↓_       | ┿        | ┼        | -          | $\vdash$ | ┼         | ╀         |     |       | 82       |          |  | ⊢  |  | -  | ├  | ╁╾       | ┢┈           | 1 |
| ⊢        | 32       |            | }_                             | -        | ╁-       | +        | +-       | ╀          | ╁        | ╀╌        | +         |     |       | 83       | $\vdash$ | -  | -  |  | -  | ⊢  | +-       | ╁            | 1 |
| -        | 33       |            | <b>}</b> —                     | ┼        | ╁        | ╁╌       | ╁        | ╀          | ╁        | ╀         | ┼╌        |     | _     | 84       | -        |  | $\vdash$   |  | -  | -  | +-       | <del> </del> | 1 |
| -        | 35       | ╨          | $\vdash$                       | ╁        | ┝        | ╁        | ╀        | ╀          | +-       | ╁         | ┼─        | 1 1 | _     | 85       | H        | <u> </u>   | $\vdash$   | -  | $\vdash$   | -  | 1        | ✝            | 1 |
| -        | 36       |            | +-                             | ╁        | +        | +        | +        | +          | +        | +-        | +-        | 1   | -     | 86       | -        | Н  |  | $\vdash$   | <del>                                     </del> |  | T        | T            | 1 |
| 1        | 37       | +×,        | 1                              | ╁        | +        | +        | +        | ╁╌         | +        | +         | t         |     |       | 87       | $\vdash$ | -  | $\vdash$   | <del>                                     </del> | -  | Г  | 1        | $\vdash$     | 1 |
| $\vdash$ | 38       | 1          | b                              | ╁        | ┿        | +        | ╁╌       | ╁          | ╁        | +         | $\vdash$  | 1 1 | -     | 88       | H        | $\vdash$   | -  | -  | T  |  | 1        | T            | 1 |
| 1        | 39       |            | Ή                              | ╁        | ╁        | i        | ╁╌       | +          | +        | $\dagger$ | 1         | 1   |       | 89       | -        |  |  |  |  |  |          |              |   |
| -        | 40       |            | -                              | +-       | +        | ╁        | 1-       | +-         | +        | +         | T         | 1   |       | 90       | T        | -  | T  |  |  | _  | -        | 1            | ٦ |
| ⊫        | 41       | -          | ╁                              | ╀╌       | +        | +        | ╁        | ╁          | ╁╴       | ╁         | +-        | 1 1 | —     | 91       | $\vdash$ | -  | ╁╾   | 1  | -  | 1  | 1-       | t-           | 1 |
| -        | -        | +-         | +                              | ╀        | +        | +        | +        | ╁          | +        | +         | +         | 1   |       | 92       | $\vdash$ | <del>                                     </del> | $\vdash$   | ┢  | ╁  | <del>                                     </del> | +-       | +            | 1 |
| $\vdash$ | 42       | _          | +                              | ╁        | ╁        | +        | +        | ╁╴         | +        | +         | +-        | 1   | -     | 93       | -        | _  | <del>                                     </del> | $\vdash$   | $\vdash$   |  | +        | T            |   |
| $\vdash$ | 4/       | +          | $\vdash$                       | ╀        | +        | +-       | +        | +          | +-       | +         | +-        |     | -     | 94       |          | Т  |  | $\vdash$   | $\vdash$   |  | 1        | 1            | 1 |
| -        | 45       |            | ┼-                             | $\vdash$ | +        | ┼~       | +        | ╁          | +-       | +         | +         | 1   |       | 95       |          | -  |  | <del> </del>                                     | $\vdash$   | t  | †        | +            | _ |
| -        | 46       | -          | +-                             | +        | +        | +        | +        | ╁          | +-       | +         | +         | 1   |       | 96       | -        |  |  | -  |  |  |          | T            |   |
| $\vdash$ | 47       | -          | -                              | +-       | +        | +        | +        | +          | +-       | +         | +         | 1   |       | 97       | t        | Г  | T  | T  |  | T  | +        | T            | _ |
| $\vdash$ | 47       |            | +-                             | +        | +        | +        | +        | +-         | +        | +         | +         | ١., |       | 98       | t        | $\vdash$   | T  | T  | 1  | T  | 十        | T            | ~ |
| -        | 49       |            | H                              | +-       | +-       | +        | +        | 十          |          | +         | $\dagger$ | 1   | Г     | 99       |          | Г  | Τ  | Τ  | 1  | Τ  | T        | Τ            | _ |
| $\vdash$ | 50       |            | +                              | +-       | +        | +        | +        | +          | +-       | +         | +         | 1   | Г     | 100      | _        | Г  | Γ  | T  |  | Γ  | T        | I            | _ |

|          |          | ojec     |          |          |            |  |              |              |            |              | 7                                      |
|----------|----------|----------|----------|----------|------------|--|--------------|--------------|------------|--------------|--|
| Cla      | im       |          |          |          |            | Date                                   | θ            |              |            |              | _                                      |
| Final    | Original |          |          |          |            |  |              |              | ,          |              |  |
|          | 101      |          |          | ٦        |            |  |              |              |            |              |  |
|          | 102      | П        |          | $\neg$   | П          |  |              |              |            |              |  |
|          | 103      |          | П        |          | - 1        |  |              |              |            |              |  |
|          | 104      |          |          |          |            |  |              |              |            |              |  |
|          | 105      |          |          |          |            |  |              |              |            | Ш            |  |
|          | 106      |          |          |          |            |  |              |              |            |              |  |
|          | 107      |          |          |          |            |  | _            |              |            | Ш            | ᅬ                                      |
|          | 108      |          |          |          |            | _                                      |              |              |            | Ш            | _                                      |
|          | 109      |          |          | _        | _          |  |              |              | _          |              | _                                      |
|          | 110      |          |          |          |            |  |              |              | <u> </u>   | Ш            | _                                      |
|          | 111      | -        |          |          |            |  |              |              | _          | Ц            | _                                      |
|          | 112      |          |          |          |            |  |              |              | L_         | Ц            | _                                      |
|          | 113      | •        |          |          |            |  |              |              | 匚          | Ш            | $\dashv$                               |
| L_       | 114      |          |          |          |            |  |              |              | L_         | Ш            |  |
| L.       | 115      |          | Ш        |          |            |  |              |              | <u>L</u>   |              | _                                      |
| _        | 116      |          |          |          |            |  | <u> </u>     | _            |            | Н            |  |
| L        | 117      |          |          |          |            |  | _            | L-           | L          | Ш            |  |
| _        | 118      |          |          |          |            | _                                      | _            |              | <b>↓</b>   | $\perp$      |  |
| _        | 119      |          |          |          |            | _                                      | _            | L            | <b> </b> _ | Н            | _                                      |
|          | 120      | ا ا      |          | _ !      |            |  | L.,          | L            | L          |              |  |
| Г        | 121      |          |          |          |            | Ĺ                                      |              |              | L          | $oxed{oxed}$ |  |
|          | 122      |          |          |          |            | Ε.                                     |              | Ĺ_           | 乚          | L            |  |
|          | 123      |          |          |          |            | L                                      | L            | L            | _          | L            |  |
|          | 124      | +        |          |          |            | L                                      | L            | L            |            |              | L.                                     |
| [        | 125      | 5        |          |          | L.         | _                                      | L            |              |            | L            |  |
|          | 126      |          |          |          | L          | L_                                     | <u> </u>     |              | _          | Ŀ            | L_                                     |
| L        | 127      |          |          | L        |            | L.                                     |              | _            | _          | <u> </u>     | <u>L</u>                               |
|          | 128      |          | Ш        | L.       |            | L_                                     | <u> </u>     | L            | L          | ↓_           | L                                      |
|          | 129      | -        |          | L        |            | L.                                     | _            | L            | L.         | <u> </u>     | L                                      |
| L        | 130      |          |          | L        |            | <u>L</u>                               | L            | <u> </u>     | ┖          | 1_           | <u> </u>                               |
| L        | 13       |          |          | L        | <u> </u>   | L.                                     | $oxed{oxed}$ | <u> </u>     | 上          | ļ            | _                                      |
| L        | 13       |          |          | _        | L_         | 匚                                      | <u>_</u>     | L.           | <u> </u>   | Ļ.,          | <u> </u> _                             |
|          | 13       |          | L        | <u> </u> |            | <u> </u>                               | Ļ.,          | ┡            | ┡          | 1_           | <u> </u>                               |
| L        | 13       |          | L.       | _        | <u> </u>   | <u> </u>                               |              |              | ↓_         | 1            | <u> </u>                               |
| L        | 13       |          | <u> </u> | <u> </u> | ļ          | <u> </u>                               | ╄            | <u> </u>     | ╀          | ↓_           | <u> </u>                               |
|          | 13       |          | <u> </u> | L        | <u> </u> _ | ┡                                      | _            | <del> </del> | 1          | +            | <b>├</b>                               |
|          | 13       |          | Ļ        | $\vdash$ | ┞          | ▙                                      | <b>├</b>     | ├            | ╀          | ╀            | ├                                      |
| $\vdash$ | 134      |          | <b>├</b> | <u> </u> | Ļ.,        | ⊢                                      | ↓_           | ╀            | ┼          | +            | ├                                      |
| Ŀ        | 13       |          | ├-       | <u> </u> | <b>├</b>   | ⊢                                      | ╁—           | ┼-           | ╁          | ╁            | ├-                                     |
| L        | 14       |          | ↓_       | ┡        | <u> </u>   | ┞-                                     | ┞            | ╀            | ╀          | ╀            | ╄                                      |
|          | 14       |          | <u> </u> | <u> </u> | L.         | <u> </u>                               | ↓_           | ┞-           | ╀          | 1            | ┞                                      |
| L        | 14       |          | 1_       | $\vdash$ | L          | 1                                      | 1_           | 1-           | $\perp$    | ╁            | 4                                      |
| L        | 14       | _        | igspace  | L        | 1          | ┡                                      | ↓_           | ┼-           | $\perp$    | ╁-           | $\vdash$                               |
| L        | 14       |          | _        | Ļ        | _          | 1                                      | 1            | ↓_           | ╀          | 1            | $\perp$                                |
| L        | 14       |          | 1_       | L,       | 1          | 1                                      | ↓_           | ↓_           | 1          | +            | 1                                      |
| L        | 14       | 6        | <u> </u> | 1_       | ot         | _                                      | $\vdash$     | $\perp$      | 1          | ╄-           | $\vdash$                               |
| L        | 14       | 1_       | $\perp$  |          | L          | 1                                      | $\perp$      | 1            | ↓_         | 4            | 1                                      |
| L        | 14       | 8        | 1_       | 1        | $\perp$    | 1                                      | $\vdash$     | $\vdash$     | $\perp$    | 1-           | 1                                      |
| L        | 14       |          |          | 4        | $\perp$    | 1                                      | ـ            | ┞-           | +          | +            | ╄                                      |
| L        | 15       | <u> </u> |          | <u></u>  |            | ــــــــــــــــــــــــــــــــــــــ | 1            | 丄            |            | Ц.,          | ــــــــــــــــــــــــــــــــــــــ |

If more than 150 claims or 10 actions staple additional sheet here

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